



FORM PTO-1449

Docket No.: REG 195BZ

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

USSN: 10/016,283 Applicant: Valenzuela, et al.
Date Filed: November 30, 2001 Title: Novel Tyrosine Kinase Receptors and Ligands
Examiner: R. Landsman Art Unit: Not yet known

June 20, 2003

RECEIVED

JUN 27 2003

U.S. PATENT DOCUMENTS

TECH CENTER 1600/2900

Examiner Initials	Patent Number	Issue Date	Publication Number	Publication Date	Name
----------------------	------------------	---------------	-----------------------	---------------------	------

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Date	Class Subclass	Translation Yes No
----------------------	--------------------	------	---------	------	-------------------	-----------------------

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, etc.)

Examiner
Initial

THE JOURNAL OF NEUROSCIENCE, Vol. 12, No. 9, September 1992, pp. 3535-3544, RUPP, F., Et Al.: "Structure and Chromosomal Localization of the Mammalian Agrin Gene."

EMBL DATABASE, April 22, 1995, HEIDELBERG, HILLIER, L., Et Al.: "The WashU-Merck EST project, AC R12830."

EMBL DATABASE, October 7, 1995, HEIDELBERG, JAY, P.: "Human cDNAs from HE6W library, AC H58758."

NEURON, Vol. 8, No. 6, June 1992, pp. 1079-1086, FERNS, M., Et Al.: "RNA Splicing Regulates Agrin-Mediated Acetylcholine Receptor Clustering Activity on Cultured Myotubes."

NEURON, Vol. 15, No. 3, September 1995, pp. 573-584, VALENZUELA, D., Et Al., "Receptor Tyrosine Kinase Specific for the Skeletal Muscle Lineage: Expression in Embryonic Muscle, at the Neuromuscular Junction, and after Injury."

NEURON, Vol. 16, April 1996, pp. 755-767, GESEMANN, Et Al.: "Alternative Splicing of Agrin Alters Its Binding to Heparin, Dystroglycan, and the Putative Agrin Receptor."

THE EMBO JOURNAL, Vol. 13, No. 12, 1994, pp. 2814-2821, HOCH, W., Et Al.: "Structural domains of agrin required for clustering of nicotinic acetylcholine receptors."

THE EMBO JOURNAL, Vol. 15., No. 11, pp. 2625-2631, MEIER, T., Et Al.: "AChR phosphorylation and aggregation induced by an agrin fragment that lacks the binding domain for α -dystroglycan."

THE JOURNAL OF CELL BIOLOGY, Vol. 128, No. 4, February 1995, pp. 625-636, GESEMANN, M., "Acetylcholine Receptor-aggregating Activity Of Agrin Isoforms and Mapping of the Active Site."

THE JOURNAL OF CELL BIOLOGY, Vol. 128, No. 6, March 1995, pp. 1121-1129, WALLACE, B.: "Regulation of the interaction of nicotinic acetylcholine receptors with the cytoskeleton by agrin-activated protein tyrosine kinase."

ANNUAL REVIEWS IN NEUROSCIENCE, Vol. 18, 1995, pp. 443-462, BOWE, M. and FALLON, J.: "The Role Of Agrin In Synapse Formation."

CELL, Vol. 85, No. 4, May 17, 1996, pp. 513-523, GLASS, D., Et Al.: "Agrin Acts via a MuSK Receptor Complex."

EXAMINER
CONSIDERED

DATE

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Respectfully submitted,

By:

Linda O. Palladino

Linda O. Palladino
Reg. No. 45,636
Regeneron Pharmaceuticals, Inc.
777 Old Saw Mill River Road
Tarrytown, New York 10591
(914) 345-7400